Author Index

Ahluwalia, G., see Scott-Taylor, T.H., 25
Andrei, G., see Snoeck, R., 243

Babín, M., see Laviada, M.D., 229
Bartolomé, J., see Castillo, I., 71
Bernstein, J.M., see Downing, L.A., 215
Bidawid-Woodroffe, S., Sullivan-Tailyour, G., Roig-Farran, P. and Garnett, H.M., Increased cytomegalovirus infection of human fibroblast and endothelial cells by electroporation, 167
Briggs, M., see Coyle, P.V., 283
Brock, K.V., Deng, R. and Riblet, S.M., Nucleotide sequencing of 5′ and 3′ termini of bovine viral diarrhea virus by RNA ligation and PCR, 39

Cabal, C.M., see Dawson, G.J., 175
Cardon, M.C., see Hartig, P.C., 61
Carreño, V., see Castillo, I., 71
Castillo, I., Bartolomé, J., Quiroga, J.A. and Carreño, V., Comparison of several PCR procedures for detection of serum HCV-RNA using different regions of the HCV genome, 71
Chang, G.-J., see Lewis, J.G., 11
Chang, Y.S., see Shu, C.H., 123
Chang, P., see Shu, C.H., 123
Chargelegue, D. and O'Toole, C.M., Development of a sensitive ELISA for HIV-1 p24 antigen using a fluorogenic substrate for monitoring HIV-1 replication in vitro, 323
Chau, K.H., see Dawson, G.J., 175
Christian, P.D., A simple vacuum dot-blot hybridisation assay for the detection of *Drosophila* A and C viruses in single *Drosophila*, 153
Cloes, J.M., see Snoeck, R., 243
Coleman, C., see Robbins, D., 267
Coyle, P.V., Briggs, M., Tedder, R.S. and Fox, J.D., Comparison of three immunoassays for the detection of anti-HHV6, 283

Dawson, G.J., Chau, K.H., Cabal, C.M., Yarbough, P.O., Reyes, G.R. and Mushahwar, I.K., Solid-phase enzyme-linked immunosorbent assay for hepatitis E virus IgG and IgM antibodies utilizing recombinant antigens and synthetic peptides, 175
Dax, E.M., see Healey, D.S., 305
de Ávila, A.C., see Kitajima, E.W., 313
De Clercq, E., see Snoeck, R., 243
Deng, R., see Brock, K.V., 39
Doerr, W., see Weber, B., 187
Domdey, H., see Giesecke, H., 47
Dominguez, J., see Laviada, M.D., 229
Douville, C., see Robbins, D., 267
Downing, L.A., Bernstein, J.M. and Walter, A., Active respiratory syncytial virus purified by ion exchange chromatography: characterization of binding and elution requirements, 215

Fehr, J., see Schlayer, H.-J., 333
Fox, J.D., see Coyle, P.V., 283

Gallinella, G., see Musiani, M., 1
Garnett, H.M., see Bidawid-Woodroffe, S., 167
Gentilomi, G., see Musiani, M., 1
Gerok, W., see Schlayer, H.-J., 333
Gibellini, D., see Musiani, M., 1
Giesecke, H., Obermaier, B., Domdey, H. and Neubert, W.J., Rapid sequencing of the Sendai virus 6.8 kb large (L) gene through primer walking with an automated DNA sequencer, 47
Goldbach, R.W., see Kitajima, E.W., 313
Gowans, E., see Sumathy, S., 145
Gracey, D., see Robbins, D., 267
Groene, W.S. and Shaw, R.D., Psoralen preparation of antigenically intact noninfectious rotavirus particles, 93

Hammond, G.W., see Scott-Taylor, T.H., 25
Harms, F., see Weber, B., 187
Hartig, P.C. and Cardon, M.C., Rapid efficient production of baculovirus expression vectors, 61
Hase, A., see Nakagami, T., 255
Healey, D.S. and Dax, E.M., An evaluation of two simple synthetic peptide based anti-HIV assays, 305

Jiang, M., Parniak, M.A. and Kleiman, L., Isolation and fractionation of retroviral tRNAs, 205
Jin, L., see Scherba, G., 131

Kano, T., see Suzuki, K., 113
Kimura, T., see Nakagami, T., 255
Kitajima, E.W., Resende, R. de O., de Ávila, A.C., Goldbach, R.W. and Peters, D., Immunoelectron microscopical detection of tomato spotted wilt virus and its nucleocapsids in crude plant extracts, 313

Kleiman, L., see Jiang, M., 205
Knisley, K., see Oleszak, E.L., 103
Kuramoto, I.K., see Robbins, D., 267

Lanciotti, R.S., see Lewis, J.G., 11
La Placa, M., see Musiani, M., 1
Latif, R., see Sumathy, S., 145
Laviada, M.D., Babin, M., Dominguez, J. and Sánchez-Vizcaíno, J.M., Detection of African horsesickness virus in infected spleens by a sandwich ELISA using two monoclonal antibodies specific for VP7, 229
Lee, L.H., Characterization of nonradioactive hybridization probes for detecting infectious bursal disease virus, 81
Leibowitz, J.L., see Oleszak, E.L., 103
Lewis, J.G., Chang, G.-J., Lanciotti, R.S. and Trent, D.W., Direct sequencing of large flavivirus PCR products for analysis of genome variation and molecular epidemiological investigations, 11
Liang, C.L., see Shu, C.H., 123
Lin, C.Z., see Shu, C.H., 123
Liu, S.T., see Shu, C.H., 123
Lorenzen, N., Affinity purification of the structural proteins of a fish *Rhabdovirus* by the use of monoclonal antibodies, 297

Madanagopalan, N., see Sumathy, S., 145
Mimms, L.T., see Robbins, D., 267
Moore, B., see Robbins, D., 267
Mushahwar, I.K., see Dawson, G.J., 175
Musiani, M., Zerbini, M., Gentilomi, G., Gibellini, D., Gallinella, G., Venturoli, S. and La Placa, M., Detection of CMV DNA in clinical samples of AIDS patients by chemiluminescence hybridization, 1

Nakagami, T., Shigehisa, T., Ohmori, T., Taji, S., Hase, A., Kimura, T. and Yamanishi, K., Inactivation of herpes viruses by high hydrostatic pressure, 255
Nehmadi, F., see Robbins, D., 267
Neubert, W.J., see Giesecke, H., 47

Obermaier, B., see Giesecke, H., 47
Ohmori, T., see Nakagami, T., 255
Okamoto, N., see Suzuki, K., 113
Oleszak, E.L., Knisley, K., Rodkey, L.S. and Leibowitz, J.L., Microheterogeneity of *S*-glycoprotein of mouse hepatitis virus temperature-sensitive mutants, 103
Olivo, P.D., see Stabell, E.C., 195
O'Toole, C.M., see Chargelegue, D., 323
Parniak, M.A., see Jiang, M., 205
Peters, D., see Kitajima, E.W., 313
Peters, T., see Schlayer, H.-J., 333
Piette, J., see Snoeck, R., 243
Preisler, S., see Schlayer, H.-J., 333

Quiroga, J.A., see Castillo, I., 71

Raguram, K., see Sumathy, S., 145
Rajasambandam, P., see Sumathy, S., 145
Rasenack, J., see Schlayer, H.-J., 333
Rentier, B., see Snoeck, R., 243
Resende, R. de O., see Kitajima, E.W., 313
Reyes, G.R., see Dawson, G.J., 175
Riblet, S.M., see Brock, K.V., 39
Robbins, D., Wright, T., Coleman, C., Umhoefer, L., Moore, B., Spronk, A., Douville, C., Kuramoto, I.K., Rynning, M., Gracey, D., Salbilla, V., Nehmadi, F. and Mimms, L.T., Serological detection of HBeAg and anti-HBe using automated microparticle enzyme immunoassays, 267
Rodkey, L.S., see Oleszak, E.L., 103
Roig-Farran, P., see Bidawid-Woodroffe, S., 167
Rynning, M., see Robbins, D., 267

Sadzot-Delvaux, C., see Snoeck, R., 243
Salbilla, V., see Robbins, D., 267
Sánchez-Vizcaíno, J.M., see Laviada, M.D., 229
Scherba, G., Jin, L., Schnitzlein, W.M. and Vodkin, M.H., Differential polymerase chain reaction for detection of wild-type and a vaccine strain of Aujeszky's disease (pseudorabies) virus, 131
Schlayer, H.-J., Peters, T., Preisler, S., Fehr, J., Gerok, W. and Rasenack, J., Amplification of unknown DNA sequences by sequence-independent nested polymerase chain reaction using a standardized adaptor without specific primers, 333
Schnitzlein, W.M., see Scherba, G., 131
Schols, D., see Snoeck, R., 243
Scott-Taylor, T.H., Ahluwalia, G. and Hammond, G.W., Restriction analysis of the prototype strain of enteric adenovirus type 41 using exonuclease III, 25
Selb, B., see Weber, B., 187
Shaw, R.D., see Groene, W.S., 93
Shigehisa, T., see Nakagami, T., 255
Shu, C.H., Chang, Y.S., Liang, C.L., Liu, S.T., Lin, C.Z. and Chang, P., Distribution of type A and type B EBV in normal individuals and patients with head and neck carcinomas in Taiwan, 123
Snoeck, R., Schols, D., Sadzot-Delvaux, C., Cloes, J.M., Andrei, G., De Clercq, E., Piette, J. and Rentier, B., Flow cytometric method for the

detection of gpI antigens of Varicella zoster virus and evaluation of anti-VZV agents, 243
Spronk, A., see Robbins, D., 267
Stabell, E.C. and Olivo, P.D., Isolation of a cell line for rapid and sensitive histochemical assay for the detection of herpes simplex virus, 195
Sullivan-Tailyour, G., see Bidawid-Woodroffe, S., 167
Sumathy, S., Thyagarajan, S.P., Latif, R., Madanagopalan, N., Raguram, K., Rajasambandam, P. and Gowans, E., A dipstick immunobinding enzyme-linked immunosorbent assay for serodiagnosis of hepatitis B and delta virus infections, 145
Suzuki, K., Okamoto, N., Watanabe, S. and Kano, T., Chemiluminescent microtiter method for detecting PCR amplified HIV-1 DNA, 113

Taji, S., see Nakagami, T., 255
Tedder, R.S., see Coyle, P.V., 283
Thyagarajan, S.P., see Sumathy, S., 145
Trent, D.W., see Lewis, J.G., 11

Umhoefer, L., see Robbins, D., 267

Venturoli, S., see Musiani, M., 1
Vodkin, M.H., see Scherba, G., 131

Walter, A., see Downing, L.A., 215
Watanabe, S., see Suzuki, K., 113
Weber, B., Harms, F., Selb, B. and Doerr, W., Improvement of rotavirus isolation in the cell culture by immune peroxidase staining, 187
Wright, T., see Robbins, D., 267

Yamanishi, K., see Nakagami, T., 255
Yarbough, P.O., see Dawson, G.J., 175

Zerbini, M., see Musiani, M., 1

Subject Index

α-Galactosidase, Herpes simplex virus, Diagnosis, Histochemistry, 195

AIDS patients, Cytomegalovirus DNA, Chemiluminescence assay, 1

Acyclovir, Varicella zoster virus, Monoclonal antibody, Flow cytometry, Antiviral activity assay, Bromovinyldeoxyuridine, 243

Affinity purification, VHS virus protein, Solubilization, Antibody elution, Direct immunoprecipitation, 297

African horsesickness virus, Monoclonal antibodies, ELISA, Diagnosis, 229

Anti-HIV assay, Evaluation, Particle agglutination, Cartridge assay, Sensitivity, Specificity, 305

Anti-hepatitis B e, Hepatitis B, Enzyme immunoassay, Hepatitis B e antigen, Hepatitis B c antigen, 267

Antibody elution, VHS virus protein, Solubilization, Direct immunoprecipitation, Affinity purification, 297

Antigen, HIV-1 p24, ELISA, Fluorescence, β-Galactosidase, 323

Antiviral activity assay, Varicella zoster virus, Monoclonal antibody, Flow cytometry, Acyclovir, Bromovinyldeoxyuridine, 243

Aujeszky's disease (pseudorabies) virus, Differential polymerase chain reaction, Aujeszky's disease (pseudorabies) virus gX gene, Pseudorabies virus gX PCR, 131

Aujeszky's disease (pseudorabies) virus gX gene, Aujeszky's disease (pseudorabies) virus, Differential polymerase chain reaction, Pseudorabies virus gX PCR, 131

Autographa californica, Baculovirus, Expression vector, 61

Automated DNA sequencing, Sendai virus, L gene, Primer walking, Fluorescent dyeterminators, 47

β-Galactosidase, HIV-1 p24, Antigen, ELISA, Fluorescence, 323

Baculovirus, *Autographa californica*, Expression vector, 61

Bovine viral diarrhea virus, RNA ligation, Terminal nucleotide sequence, Pestivirus, PCR, 39

Bromovinyldeoxyuridine, Varicella zoster virus, Monoclonal antibody, Flow cytometry, Antiviral activity assay, Acyclovir, 243

Cartridge assay, Anti-HIV assay, Evaluation, Particle agglutination, Sensitivity, Specificity, 305

Chemiluminescence assay, Cytomegalovirus DNA, AIDS patients, 1

Chemiluminescence, HIV, PCR, Microtiter, Solution hybridization, 113

Chronic hepatitis C, HCV RNA, PCR, 71

Circle immunoassay, Human herpesvirus 6, Competitive RIA, 283

Column chromatography, Mouse mammary tumor virus, tRNA fractionation, 205

Competitive RIA, Human herpesvirus 6, Circle immunoassay, 283

Conventional enzyme-linked immunosorbent assay, Dipstick immunobinding–enzyme-linked immunosorbent assay, Hepatitis B surface antigen, Hepatitis delta antigen, 145

Conventional virus isolation, Immunoperoxidase staining (IPS), Infectivity assay, ELISA, 187

Cytomegalovirus DNA, AIDS patients, Chemiluminescence assay, 1

Defective particle, Tomato spotted wilt virus, Immunogold labelling, 313

Dengue, Polymerase chain reaction (PCR), Sequencing, 11

Diagnosis, Herpes simplex virus, α-Galactosidase, Histochemistry, 195

Diagnosis, African horsesickness virus, Monoclonal antibodies, ELISA, 229

Differential polymerase chain reaction, Aujeszky's disease (pseudorabies) virus, Aujeszky's disease (pseudorabies) virus gX gene, Pseudorabies virus gX PCR, 131

Dipstick immunobinding–enzyme-linked immunosorbent assay, Hepatitis B surface antigen, Hepatitis delta antigen, Conventional enzyme-linked immunosorbent assay, 145

Direct immunoprecipitation, VHS virus protein, Solubilization, Antibody elution, Affinity purification, 297

Dot-blot hybridisation assay, *Drosophila* C virus, *Drosophila* A virus, 153

Drosophila A virus, *Drosophila* C virus, Dot-blot hybridisation assay, 153

Drosophila C virus, *Drosophila* A virus, Dot-blot hybridisation assay, 153

EBNA 2, Epstein–Barr virus, Nasopharyngeal carcinoma, Polymerase chain reaction, 123

ELISA, Immunoperoxidase staining (IPS), Infectivity assay, Conventional virus isolation, 187
ELISA, African horsesickness virus, Monoclonal antibodies, Diagnosis, 229
ELISA, HIV-1 p24, Antigen, Fluorescence, β-Galactosidase, 323
Electroporation, Human cytomegalovirus, Infectivity, 167
Enteric adenovirus type 41, Restriction analysis, Exonuclease III, 25
Enveloped virus, High hydrostatic pressure, Herpes virus, HSV-1, HCMV, 255
Enzyme immunoassay, Hepatitis B, Hepatitis B e antigen, Hepatitis B c antigen, Anti-hepatitis B e, 267
Epstein–Barr virus, EBNA 2, Nasopharyngeal carcinoma, Polymerase chain reaction, 123
Evaluation, Anti-HIV assay, Particle agglutination, Cartridge assay, Sensitivity, Specificity, 305
Exonuclease III, Restriction analysis, Enteric adenovirus type 41, 25
Expression vector, Baculovirus, *Autographa californica*, 61

Flow cytometry, Varicella zoster virus, Monoclonal antibody, Antiviral activity assay, Acyclovir, Bromovinyldeoxyuridine, 243
Fluorescence, HIV-1 p24, Antigen, ELISA, β-Galactosidase, 323
Fluorescent dyeterminators, Sendai virus, L gene, Primer walking, Automated DNA sequencing, 47

HCMV, High hydrostatic pressure, Herpes virus, HSV-1, Enveloped virus, 255
HCV RNA, Chronic hepatitis C, PCR, 71
Hepatitis B, Enzyme immunoassay, Hepatitis B e antigen, Hepatitis B c antigen, Anti-hepatitis B e, 267
Hepatitis B c antigen, Hepatitis B, Enzyme immunoassay, Hepatitis B e antigen, Anti-hepatitis B e, 267
Hepatitis B e antigen, Hepatitis B, Enzyme immunoassay, Hepatitis B c antigen, Anti-hepatitis B e, 267
Hepatitis B surface antigen, Dipstick immunobinding–enzyme-linked immunosorbent assay, Hepatitis delta antigen, Conventional enzyme-linked immunosorbent assay, 145
Hepatitis E virus, Hepatitis E virus recombinant antigens, Hepatitis E virus synthetic peptides, Hepatitis E virus IgG and IgM antibodies, 175
Hepatitis E virus IgG and IgM antibodies, Hepatitis E virus, Hepatitis E virus recombinant antigens, Hepatitis E virus synthetic peptides, 175
Hepatitis E virus recombinant antigens, Hepatitis E virus, Hepatitis E virus synthetic peptides, Hepatitis E virus IgG and IgM antibodies, 175
Hepatitis E virus synthetic peptides, Hepatitis E virus, Hepatitis E virus recombinant antigens, Hepatitis E virus IgG and IgM antibodies, 175
Hepatitis delta antigen, Dipstick immunobinding–enzyme-linked immunosorbent assay, Hepatitis B surface antigen, Conventional enzyme-linked immunosorbent assay, 145
Herpes simplex virus, Diagnosis, α-Galactosidase, Histochemistry, 195
Herpes virus, High hydrostatic pressure, HSV-1, HCMV, Enveloped virus, 255
High hydrostatic pressure, Herpes virus, HSV-1, HCMV, Enveloped virus, 255
Histochemistry, Herpes simplex virus, Diagnosis, α-Galactosidase, 195
HIV, PCR, Chemiluminescence, Microtiter, Solution hybridization, 113
HIV-1 p24, Antigen, ELISA, Fluorescence, β-Galactosidase, 323
HSV-1, High hydrostatic pressure, Herpes virus, HCMV, Enveloped virus, 255
Human cytomegalovirus, Infectivity, Electroporation, 167
Human herpesvirus 6, Competitive RIA, Circle immunoassay, 283

IBDV RNA detection, Infections bursal disease virus (IBDV), Nonradiolabeled hybridization probe, 81
Immunogold labelling, Tomato spotted wilt virus, Defective particle, 313
Immunoperoxidase staining (IPS), Infectivity assay, Conventional virus isolation, ELISA, 187
Infections bursal disease virus (IBDV), Nonradiolabeled hybridization probe, IBDV RNA detection, 81
Infectivity, Human cytomegalovirus, Electroporation, 167
Infectivity assay, Immunoperoxidase staining (IPS), Conventional virus isolation, ELISA, 187

L gene, Sendai virus, Primer walking, Automated DNA sequencing, Fluorescent dyeterminators, 47

Microtiter, HIV, PCR, Chemiluminescence, Solution hybridization, 113
Monoclonal antibodies, African horsesickness virus, ELISA, Diagnosis, 229
Monoclonal antibody, Varicella zoster virus, Flow cytometry, Antiviral activity assay, Acyclovir, Bromovinyldeoxyuridine, 243
Mouse hepatitis virus, 103
Mouse mammary tumor virus, tRNA fractionation,

Column chromatography, 205
Nasopharyngeal carcinoma, Epstein–Barr virus, EBNA 2, Polymerase chain reaction, 123
Nonradiolabeled hybridization probe, Infections bursal disease virus (IBDV), IBDV RNA detection, 81

Particle agglutination, Anti-HIV assay, Evaluation, Cartridge assay, Sensitivity, Specificity, 305
PCR, Bovine viral diarrhea virus, RNA ligation, Terminal nucleotide sequence, Pestivirus, 39
PCR, Chronic hepatitis C, HCV RNA, 71
PCR, HIV, Chemiluminescence, Microtiter, Solution hybridization, 113
Pestivirus, Bovine viral diarrhea virus, RNA ligation, Terminal nucleotide sequence, PCR, 39
Polymerase chain reaction, Epstein–Barr virus, EBNA 2, Nasopharyngeal carcinoma, 123
Polymerase chain reaction, Sequence-independent amplification, Virus mutation, Screening, 333
Polymerase chain reaction (PCR), Dengue, Sequencing, 11
Primer walking, Sendai virus, L gene, Automated DNA sequencing, Fluorescent dyeterminators, 47
Protein purification, Respiratory syncytial virus, Vesicular stomatitis virus, Viral purification, 215
Pseudorabies virus gX PCR, Aujeszky's disease (pseudorabies) virus, Differential polymerase chain reaction, Aujeszky's disease (pseudorabies) virus gX gene, 131
Psoralen, Viral inactivation, Rotavirus, 93

Respiratory syncytial virus, Vesicular stomatitis virus, Viral purification, Protein purification, 215
Restriction analysis, Enteric adenovirus type 41, Exonuclease III, 25
RNA ligation, Bovine viral diarrhea virus, Terminal nucleotide sequence, Pestivirus, PCR, 39
Rotavirus, Psoralen, Viral inactivation, 93

Screening, Polymerase chain reaction, Sequence-independent amplification, Virus mutation, 333
Sendai virus, L gene, Primer walking, Automated DNA sequencing, Fluorescent dyeterminators, 47
Sensitivity, Anti-HIV assay, Evaluation, Particle agglutination, Cartridge assay, Specificity, 305
Sequence-independent amplification, Polymerase chain reaction, Virus mutation, Screening, 333
Sequencing, Dengue, Polymerase chain reaction (PCR), 11
Solubilization, VHS virus protein, Antibody elution, Direct immunoprecipitation, Affinity purification, 297
Solution hybridization, HIV, PCR, Chemiluminescence, Microtiter, 113
Specificity, Anti-HIV assay, Evaluation, Particle agglutination, Cartridge assay, Sensitivity, 305

Terminal nucleotide sequence, Bovine viral diarrhea virus, RNA ligation, Pestivirus, PCR, 39
Tomato spotted wilt virus, Defective particle, Immunogold labelling, 313
tRNA fractionation, Mouse mammary tumor virus, Column chromatography, 205

Varicella zoster virus, Monoclonal antibody, Flow cytometry, Antiviral activity assay, Acyclovir, Bromovinyldeoxyuridine, 243
Vesicular stomatitis virus, Respiratory syncytial virus, Viral purification, Protein purification, 215
VHS virus protein, Solubilization, Antibody elution, Direct immunoprecipitation, Affinity purification, 297
Viral inactivation, Psoralen, Rotavirus, 93
Viral purification, Respiratory syncytial virus, Vesicular stomatitis virus, Protein purification, 215
Virus mutation, Polymerase chain reaction, Sequence-independent amplification, Screening, 333